AST Tracking

Solara Field Tracker 2100

AST
global satellite communications

The Solara Field Tracker 2100 is designed and field tested for easy use in the toughest and most extreme environments.

Rugged construction for harsh conditions

Field Tracker 2100 is designed and engineered with:

- a rugged, waterproof case;
- a waterproof keypad with direct tactile feedback;
- a sealed battery compartment;
- shock-mounted colour display;
- antennas integrated into the case for maximum protection;
- vibration and shock tolerance; and
- recessed power and alert switches that prevent unintentional movement

How it works

Operation is simple and automated with:

- two-way communication using the Iridium satellite system, ensuring every message is successfully
- sent and received;
- intuitive free-form text message entry;
- pre-defined standard and custom user messages to ensure accurate and simple communication;
- full-function text messaging through the Solara web site;
- emergency notification for distress signaling to a region-specific agency or organization of your choice (concurrent and ‘‘fallback’’ notification options for multiple contacts available);
- opptional 24/7 routine message and Alert notification monitoring
- easy user configuration of customized settings through the Tracker on-screen menus and the secure Solara user web site;
- system access options through Solara to suit your needs;
- flexible air time solutions through Solara; and
- user manual and quick-start sheet to get you up and running quickly

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Benefits

Real-time GPS tracking and user messaging ensures two-way contact, security and peace of mind for your field personnel from any remote location by:

- protecting personnel in the field through instantaneous knowledge of their location, no matter how remote;
- a cost-effective communication link for field personnel that is not constrained by geographic limitations of cellular networks; and reliable, all-weather power solutions.

Options:

- Flexible solar panel sized to fit into supplied standard Field Tracker 2100 carrying pouch
- cold-weather kit for user-supplied lithium batteries, including case, battery harness and secure waterproof connector cable;
- choice of accessory charge cables (16 volts max and 32 volts max)
- choice of AC/DC charge adapter
- USB firmware programming cable
- 24/7 Alert notification monitoring
- customized hardware and software configuration changes are available through Solara

Product Specifications:

Power:

- internal rechargeable nickel metal hydride (NiMH) batteries with integrated battery charger; and
- optional external solar panel trickle charger; and
- optional external AC adapter and vehicle accessory connector plug (8 to 32 volts DC) for charging

Size and weight:

- 15cm (6'') plus 3 cm (1.2'') antenna x 7.5 cm (2.8'') x 4.5 cm (1.75'') maximum dimensions of curved shape
- Approx. 500 g (1.1 lbs.) weight

Temperature:

- -20° C (-4°F) to 60° C (140°F)
- -40° C (-40°F) to 60° C (140°F) (with cold weather kit)

Shock Resistance:

- will survive a 1m (3.3') drop.

Water Resistance:

- waterproof, submersible to 1 m (3.3') for one hour
- floats when in carrying case

Altitude:

- operation to 13,000 m

Operation Area:

- the Iridium satellite network provides complete global coverage

For pricing and further information please contact your AST Account Manager

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